

Title (en)
THERMOPLASTIC COMPOSITES AND METHODS OF MAKING AND USING SAME

Title (de)
THERMOPLASTISCHE VERBUNDSTOFFE SOWIE VERFAHREN ZU IHRER HERSTELLUNG UND VERWENDUNG

Title (fr)
COMPOSITES THERMOPLASTIQUES ET PROCÉDÉS POUR LEUR RÉALISATION ET LEUR UTILISATION

Publication
EP 2480398 B1 20170531 (EN)

Application
EP 10760557 A 20100923

Priority
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• US 2010049916 W 20100923

Abstract (en)
[origin: WO2011038065A1] Thermoplastic composites having a core composite layer (20) including a fibrous substrate and one or more high performance polymer, and a surface layer (10) polymer applied to at least one surface of the core composite layer, which forms a polymer blend with the high performance polymer thereby imparting improved toughness and processing times, and methods for making and using same, are provided herein.

IPC 8 full level
B29C 41/00 (2006.01); **B29C 41/40** (2006.01); **B29C 70/08** (2006.01); **B29C 70/88** (2006.01)

CPC (source: EP KR US)
B29C 41/40 (2013.01 - KR); **B29C 70/086** (2013.01 - EP KR US); **B29C 70/88** (2013.01 - EP KR US); **B29K 2071/00** (2013.01 - EP KR US); **B29K 2079/085** (2013.01 - EP KR US); **B29K 2081/04** (2013.01 - EP KR US); **B29K 2081/06** (2013.01 - EP KR US); **B29K 2101/12** (2013.01 - EP KR US); **Y10T 428/249921** (2015.04 - EP US); **Y10T 428/249945** (2015.04 - EP US); **Y10T 428/249946** (2015.04 - EP US); **Y10T 428/249947** (2015.04 - EP US); **Y10T 428/24995** (2015.04 - EP US); **Y10T 428/265** (2015.01 - EP US)

Cited by
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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2011038065 A1 20110331; AU 2010298260 A1 20120308; BR 112012006150 A2 20160628; BR 112012006150 B1 20190716; CA 2775053 A1 20110331; CA 2775053 C 20170314; CN 102548739 A 20120704; CN 102548739 B 20140702; EP 2480398 A1 20120801; EP 2480398 B1 20170531; ES 2638304 T3 20171019; JP 2013505859 A 20130221; JP 5669849 B2 20150218; KR 101784534 B1 20171011; KR 20120105427 A 20120925; MY 156321 A 20160215; TW 201129462 A 20110901; TW I486251 B 20150601; US 2011097575 A1 20110428; US 2012160399 A1 20120628; US 8158245 B2 20120417; US 9550330 B2 20170124

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